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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

LE, MIRANDA

ART UNIT PAPER NUMBER

2177

DATE MAILED: 07/28/2004

17

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/820,088

Applicant(s)

DEBIQUE ET AL. *dfr*

Examiner

Miranda Le

Art Unit

2177

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-45 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-45 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 05/14/2004 has been entered.
2. This communication is responsive to Amendment C, filed 05/14/2004.
3. Claims 1-45 are pending in this application. Claims 1, 9, 17, 19, 21, 27, 34, 38 are independent claims. In the Amendment C, claims 1, 9, 17, 19, 21, 27, 34, 38 have been amended, claim 3 has been cancelled, and no claims have been added. This action is made non-Final.

Claim Objections

4. Claim 13 is objected to because of the following informalities: claim 13 should be cancelled. Appropriate correction is required.

Claim 36 is objected to because of the following informalities: "a copy of a the associated track" should be read "a copy of the associated track". Appropriate correction is required.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless:

(e) the invention was described in

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-31, 33-42, 44-45 are rejected under 35 U.S.C. 102(e) as being anticipated by Chasen et al. (US Patent No. 6,760,721).

Chasen anticipated independent claims 1, 9, 17, 19, 21, 34, 38, by the following:

As per claim 1, Chasen teaches “maintaining meta data associated with a plurality of pieces of content stored on a plurality of pieces of media” at col. 3, lines 43-58, col. 9, lines 30-42, col. 13, line 46 to col. 14, line 64, col. 8, line 54 to col. 9, line 6, Fig. 1;

“maintaining meta data associated with another plurality of pieces of content, wherein each of the other plurality of pieces of content is a ripped version of a respective one of the plurality of pieces of content in the corresponding one of the plurality of pieces of content” at col. 3, line 43 to col. 4, line 8, col. 9, lines 30-51, col. 8, line 54 to col. 9, line 6, col. 13, line 46 to col. 14, line 64, col. 16, line 59 to col. 17, line 47;

“altering the meta data associated with one of the other plurality of pieces of content in response to the meta data associated with the corresponding one of the plurality of pieces of content being altered” at col. 13, line 46 to col. 14, line 64, col. 15, lines 8-29, col. 1, lines 32-62, col. 16, line 59 to col. 17, line 47.

As per claim 9, Chasen teaches “receiving an identification of a change to be made to meta data corresponding to a particular piece of content on a particular piece of media” at col. 14, line 65 to col. 15, line 58, col. 4, lines 52-64;

“changing, based on the identification, meta data corresponding to the particular piece of content” at col. 4, line 65 to col. 5, line 17, col. 14, line 65 to col. 15, line 67, col. 16, lines 1-39;

“identifying one or more other pieces of content associated with the particular piece of content, wherein the other pieces of content are ripped versions of the particular piece of content” at col. 5, lines 7-17, col. 13, lines 4-62, col. 14, lines 13-47, col. 14, line 65 to col. 15, line 67, col. 16, lines 1-39;

“changing, based on the identification, meta data corresponding to the one or more other pieces of content” at col. 4, line 65 to col. 5, line 17, col. 13, lines 46-62, col. 14, line 13 to col. 15, line 67, col. 16, lines 1-39, col. 17, line 58 to col. 18, line 53.

As per claim 17, Chasen teaches “a disc drive configured to have a removable disc inserted therein, wherein the removable disc includes a plurality of pieces of content” at col. 16, line 59 to col. 17, line 47;

“a local storage device configured to store another plurality of pieces of content, wherein each of the other plurality of pieces of content corresponds to one of the plurality of pieces of content and is a copied version of the data in the corresponding one of the plurality of pieces of content” at col. 16, line 59 to col. 17, line 67, col. 3, line 43 to col. 4, line 8;

“a meta data management module, configured to alter meta data associated with one of the other plurality of pieces of content in response to meta data associated with the

corresponding one of the plurality of pieces of content being altered” at col. 16, line 59 to col. 17, line 67, col. 1, lines 32-62.

As per claim 19, Chasen teaches “receiving an identification of a plurality of tracks on a disc” at col. 9, line 53 to col. 10, line 19, col. 2, lines 35-54;

“obtaining table of contents information from the disc” at col. 8, line 44 to col. 9, line 13, col. 9, line 53 to col. 10, line 19;

“generating a disc identifier based at least in part on the table of contents information” at col. 8, line 54 to col. 9, line 13, col. 2, lines 35-54;

“accessing a local meta data store to identify meta data corresponding to the tracks copied on another disc” at col. 8, line 54 to col. 9, line 13, col. 16, line 59 to col. 17, line 67, col. 4, lines 20-27;

“generating a new storage structure, corresponding to the disc, and including the identified meta data” at col. 8, line 54 to col. 9, line 13, col. 4, lines 20-27.

As per claim 21, Chasen teaches “receiving a notification of a new piece of media, wherein the new piece of media includes a plurality of pieces of content that are selected by a user for inclusion on the new piece of media, and wherein the user selection is based on one or more other pieces of content associated with one or more other pieces of media, and wherein further the one or more other pieces of content include copied versions of the plurality of pieces of content” at col. 16, line 59 to col. 17, line 47, col. 6, lines 7-63;

“generating a media identifier corresponding to the new piece of media” at col. 16, line 59 to col. 17, line 47, col. 2, lines 34-44;

“identifying, from a meta data store, meta data corresponding to the plurality of pieces of content and associated with the one or more other pieces of content” at col. 16, line 59 to col. 17, line 47, col. 2, lines 34-44;

“saving, as meta data corresponding to the new piece of media, the identified meta data” at col. 16, line 59 to col. 17, line 47, col. 4, lines 52-64.

As per claim 27, Chasen teaches “maintaining a set of disc identifiers” at col. 16, line 59 to col. 17, line 47, col. 3, lines 7-40;

“for each disc identifier, maintaining a set of corresponding children objects, wherein each of the children objects corresponds to a track on the disc associated to with the disc identifier” at col. 13, line 46 to col. 14, line 64, col. 11, line 1 to col. 12, line 65;

“for each of one or more of the individual children objects, maintaining a set of additional objects, wherein each additional object corresponds to a file corresponds to a file associated with the track corresponding to the child object” at col. 16, line 59 to col. 17, line 47, col. 13, line 46 to col. 14, line 64, col. 11, line 1 to col. 12, line 65;

“associating, for each of the one or more individual children objects, the set of additional objects with the child object, wherein the set of additional objects correspond respectively to a copy of the associated track” at col. 16, line 59 to col. 17, line 47, col. 11, line 1 to col. 12, line 65.

As per claim 34, Chasen teaches “a set of entries identifying objects” at col. 16, line 59 to col. 17, line 47, col. 11, line 1 to col. 12, line 65;

“another set of entries identifying relationships between selected ones of the objects identified in the set with selected others of the objects, wherein the selected others of the objects are copies of corresponding ones of the objects” at col. 16, line 59 to col. 17, line 47, col. 13, line 46 to col. 14, line 64, col. 11, line 1 to col. 12, line 65;

“an additional set of entries identifying meta data associated with individual objects” at col. 16, line 59 to col. 17, line 47, col. 11, line 1 to col. 12, line 65.

As per claim 38, Chasen teaches “receiving an indication of a change to be made to meta data corresponding to a content track associated with a particular medium” at col. 14, line 66 to col. 15, line 58, col. 16, line 59 to col. 17, line 47, col. 4, lines 9-37;

“identifying a file associated with the content track, wherein the file stores a copied version of the data in the content track” at col. 16, line 59 to col. 17, line 47, col. 4, lines 9-37, col. 15, line 7 to col. 16, line 39;

“changing, based on the indication, meta data corresponding to the content track” at col. 15, line 7 to col. 16, line 39, col. 3, line 59 to col. 4, line 51;

“changing, based on the indication, meta data corresponding to the file” at col. 15, line 7 to col. 16, line 39.

As per claim 2, Chasen teaches “each of the plurality of pieces of content is a track of a compact disc (CD)” at col. 9, lines 30-42, col. 3, lines 43-58, col. 8, line 54 to col. 9, line 6.

As per claim 4, Chasen teaches “each of the other plurality of pieces of content is stored on a local hard drive” at col. 9, lines 43-51.

As per claim 5, Chasen teaches “receiving an identification of a set of content selected from the plurality of pieces of content” at col. 2, lines 35-44, col. 8, line 28 to col. 9, line 23, Fig. 1;

“obtaining table of contents information from a disc on which all of the sets of content is stored” at col. 9, line 53 to col. 10, line 19, col. 2, lines 35-44, col. 8, line 28 to col. 9, line 23, Fig. 1;

“generating a disc identifier based at least in part on the table of contents information” at col. 8, line 54 to col. 9, line 13, col. 5, line 52 to col. 6, line 4, col. 8, line 28 to col. 9, line 23, Fig. 1;

“identifying meta data corresponding to the set of content” at col. 8, line 54 to col. 9, line 13, col. 5, line 52 to col. 6, line 4;

“generating a new storage structure, corresponding to the disc, and including the identified meta data” at col. 9, lines 14-23, col. 13, lines 46-62.

As per claim 6, “maintaining a set of disc identifiers” at col. 11, line 63 to col. 12, line 65, col. 2, lines 34-44;

“for each disc identifier, maintaining a set of corresponding children objects, wherein each of the children objects corresponds to one of the plurality of pieces of content” at col. 11, line 1 to col. 12, line 65, col. 13, line 9 to col. 14, line 64;

“for each of one or more of the individual children objects, maintaining a set of additional objects, wherein each additional object corresponds to one of the plurality of pieces of content” at col. 11, line 1 to col. 12, line 65, col. 13, line 9 to col. 14, line 64.

As per claim 7, Chasen teaches “a set of entries identifying objects, where each of the plurality of pieces of content corresponds to an object” at col. 11, line 1 to col. 12, line 65, col. 6, lines 23-63, col. 13, line 9 to col. 14, line 64;

“another set of entries identifying relationships between selected ones of the objects identified in the set with selected others of the objects” at col. 11, line 1 to col. 12, line 65, col. 13, line 9 to col. 14, line 64;

“an additional set of entries identifying meta data associated with individual objects” at col. 11, line 1 to col. 12, line 65.

As per claim 8, Chasen teaches “a computer program that is executable by a processor to perform the method recited in claim 1” at col. 10, lines 20-31, col. 6, lines 31-62.

As per claim 10, Chasen teaches “the particular piece of content on the particular piece of media comprises a particular song on a particular compact disc (CD)” at col. 8, lines 59-64, col. 16, line 59 to col. 17, line 48.

As per claim 11, Chasen teaches “the identification includes new meta data and wherein changing the meta data corresponding to the particular piece of content comprises overwriting any previous meta data corresponding to the particular piece of content with the new s meta data” at col. 4, lines 52-64, col. 16, lines 41-52, col. 14, line 66 to col. 15, line 58.

As per claim 12, Chasen teaches “the particular piece of content comprises an audio track and wherein the other pieces of content comprise different versions of the audio track” at col. 14, lines 1-47, col. 14, line 66 to col. 15, line 58, col. 16, line 59 to col. 17, line 53.

As per claim 13, Chasen teaches “the other pieces of content comprise ripped versions of the particular piece of content” at col. 13, line 46 to col. 14, line 64, col. 14, line 66 to col. 15, line 58, col. 16, line 59 to col. 17, line 53.

As per claim 14, Chasen teaches “original meta data associated with the particular piece of content comprises meta data received from a remote server, and wherein the change to be made to the meta is data corresponding to the particular piece of content comprises new meta data received from a user” at col. 6, lines 31-63, col. 4, lines 38-64.

As per claim 15, Chasen teaches “a receiving another identification of a change to be made to meta data, wherein the other identification is a change to be made to one of the other pieces of content” at col. 4, lines 52-64, col. 14, line 65 to col. 15, line 67, col. 16, lines 1-39, col. 6, lines 23-62;

“changing, based on the other identification, the meta data corresponding to the one of the other pieces of content” at col. 4, line 65 to col. 5, line 17, col. 14, line 65 to col. 15, line 67, col. 16, lines 1-39;

“changing, based on the identification, the meta data corresponding to the to particular piece of content” at col. 4, line 65 to col. 5, line 17, col. 14, line 65 to col. 15, line 67, col. 16, lines 1-39;

“changing, based on the other identification, the meta data corresponding to the others of the one or more other pieces of content” at col. 4, line 65 to col. 5, line 17, col. 14, line 65 to col. 15, line 67, col. 16, lines 1-39.

As per claim 16, Chasen teaches “maintaining an indication of a source of the change to the meta data is corresponding to the particular piece of content” at col. 14, line 65 to col. 15, line 67, col. 16, lines 1-39, col. 4, lines 9-27;

“maintaining an indication of a source of the change to the meta data corresponding to each of the one or more other pieces of content” at col. 14, line 65 to col. 15, line 67, col. 16, lines 1-39, col. 4, lines 9-27;

“receiving an identification of another change to be made to meta data corresponding to the particular piece of content” at col. 14, line 65 to col. 15, line 67, col. 16, lines 1-39;

“checking whether the source of the change to the meta data corresponding to the particular piece of content was a user” at col. 16, line 59 to col. 17, line 67, col. 4, lines 9-27;

“changing, based on the identification of the other change, meta data corresponding to the particular piece of content if the source of the change to the meta data corresponding to the particular piece of content was the user” at col. 16, line 59 to col. 17, line 67, col. 4, lines 9-27;

“checking whether the source of the change to the meta data corresponding to the one or more other pieces of contents was the user” at col. 16, line 59 to col. 17, line 67, col. 4, lines 9-27;

“changing, based on the identification of the other change, meta data corresponding to the one or more other pieces of content if the source of the change to the meta data corresponding to the one or more other pieces of contents was the user” at col. 16, line 59 to col. 17, line 67, col. 4, lines 9-27.

As per claim 18, Chasen teaches “the local storage device is further configured to store both meta data associated with the plurality of pieces of content and meta data associated with the other plurality of pieces of content” at col. 17, lines 48-67, col. 9, lines 7-51.

As per claim 20, Chasen teaches “the plurality of instructions further cause the one or more processors to save an indication of a relationship between the plurality of tracks on the disc and corresponding to tracks associated with the other disc” at col. 16, line 59 to col. 17, line 67, col. 3, line 43 to col. 4, line 27.

As per claim 22, Chasen teaches “the new piece of media comprises a compact disc (CD)” at col. 16, line 59 to col. 17, line 47, col. 3, line 43-58.

As per claim 23, Chasen teaches “each of the plurality of pieces of content comprises a song” at col. 16, line 59 to col. 17, line 47, col. 3, line 43-58.

As per claim 24, Chasen teaches “obtaining table of contents information for the new piece of media” at col. 11, line 63 to col. 12, line 65, col. 8, line 54 to col. 9, line 23;

“calculating, based at least in part on the table of contents information, the media identifier corresponding to the new piece of media” at col. 11, line 63 to col. 12, line 65, col. 16, line 36 to col. 17, line 47.

As per claim 25, Chasen teaches “saving an indication of a relationship between content on the new piece of media and the corresponding one or more other pieces of media” at col. 11, line 63 to col. 12, line 65, col. 16, line 36 to col. 17, line 47.

As per claim 26, Chasen teaches “One or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim 21” at col. 6, lines 23-62.

As per claim 28, Bergman teaches “associating meta data with each child object and each additional object” at col. 11, line 63 to col. 12, line 65, col. 13, line 46 to col. 14, line 64.

As per claim 29, Bergman teaches “propagating, to the set of additional objects, any changes made to meta data corresponding to the child object” at col. 11, line 63 to col. 12, line 65, col. 14, line 65 to col. 15, line 58.

As per claim 30, Chasen teaches “receiving an indication to change meta data associated with one track on the disc” at col. 16, line 59 to col. 17, line 47, col. 14, line 65 to col. 15, line 58, col. 11, line 63 to col. 12, line 65;

“altering, in response to the indication, meta data associated with the child object corresponding to the one track” at col. 16, line 59 to col. 17, line 47, col. 14, line 65 to col. 15, line 58, col. 1, lines 32-62, col. 11, line 63 to col. 12, line 65;

“altering, in response to the indication, meta data associated with the additional object corresponding to the child object corresponding to the track” at col. 16, line 59 to col. 17, line 47, col. 14, line 65 to col. 15, line 58, col. 1, lines 32-62, col. 11, line 63 to col. 12, line 65.

As per claim 31, Chasen teaches “one or more disc identifiers in the set of disc identifiers is a compact disc (CD) identifier” at col. 16, line 59 to col. 17, line 47, col. 8, line 54 to col. 9, line 23.

As per claim 33, Chasen teaches “one or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim 27” at col. 6, lines 23-62.

As per claim 35, Chasen teaches “each set of entries is implemented as a different table in a database” at col. 16, line 59 to col. 17, line 47, col. 8, line 54 to col. 9, line 23.

As per claim 36, Chasen teaches “the set of entries also associates the objects with identifiers” at col. 16, line 59 to col. 17, line 47, col. 8, line 54 to col. 9, line 23;

As per claim 37, Chasen teaches “the other set of entries identifies the relationships based on the identifiers associated with the objects” at col. 16, line 59 to col. 17, line 47, col. 8, line 54 to col. 9, line 23.

As per claim 39, Chasen teaches “the content track “comprises an audio track” at col. 14, line 66 to col. 15, line 58, col. 16, line 59 to col. 17, line 53.

As per claim 40, Chasen teaches “the content track comprises an audio/video track” at col. 14, line 66 to col. 15, line 58, col. 16, line 59 to col. 17, line 53.

As per claim 41, Chasen teaches “the content track comprises a video track” at col. 6, lines 7-21, col. 8, lines 7-27.

As per claim 42, Chasen teaches “the particular medium comprises a particular compact disc (CD)” at col. 16, line 53 to col. 17, line 47.

As per claim 44, Chasen teaches “the particular medium comprises a particular optical disc” at col. 16, line 53 to col. 17, line 47.

As per claim 45, Chasen teaches “One or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim is 38” at col. 6, lines 8-63.

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skilled in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

8. Claims 32, 43 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chasen et al. (US Patent No. 6,760,721 B1), in view of Levy et al. (US Patent No. 6,564,263 B1).

As to claims 32, 43, Chasen does not specifically teach “one or more disc identifiers in the set of disc identifiers is a digital versatile disc (DVD) identifier”. However, Levy teaches this limitation at col. 8, lines 9-19.

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Chasen with the teachings of Levy to include “one or more disc identifiers in the set of disc identifiers is a digital versatile disc (DVD) identifier” in order to provide systems and processes for linking audio and other media objects to metadata and actions via an identifier.

Response to Arguments

9. Applicant's arguments regarding the claimed invention have been amended to clarify the feature of the first version and another version of the data in the corresponding one of the plurality of pieces of content” with respect to claims 1, 9, 17, 19, 21, 27, 34, 38 have been considered but are moot in view of the new ground(s) of rejection.

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Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Miranda Le whose telephone number is (703) 305-3203. The examiner can normally be reached on Monday through Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E. Breene, can be reached on (703) 305-9790. The fax number to this Art Unit is (703) 872-9306. The TC 2100's Customer Service number is (703) 306-5631.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.



Miranda Le
July 23, 2004



GRETA ROBINSON
PRIMARY EXAMINER